

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

1. (currently amended) Drive device for ~~a~~ an energy input mechanism operating as a wind turbine comprising two wind driven counter-rotative propellers, the first ~~one~~ propeller being placed facing the wind flow, while the second one is placed behind the first propeller,

the wind turbine including:

an epicycloidal multiplier,

a first shaft supporting the first propeller linked to a train of planetary wheels of the epicycloidal multiplier,

a second shaft supporting the second propeller linked to the crown wheel of the epicycloidal multiplier,

the solar wheel of said epicycloidal multiplier being connected to a third shaft driving the aforementioned energy input mechanism.

2. (original) Drive device according to claim 1, wherein the epicycloidal multiplier is lodged in the hub of the second propeller.

3. (previously presented) Drive device according to claim 1, wherein the second shaft is hollow and coaxially disposed around the first shaft.

4. (previously presented) Drive device according to claim 2, wherein the second shaft is hollow and coaxially disposed around the third shaft.

5. (currently amended) Drive device according to claim 1, ~~wherein it further comprises~~ including a braking system that surrounds and acts simultaneously on the ~~hollow second~~ shaft and on the ~~inner first~~ shaft.

6. (currently amended) Drive device ~~according to claim 5, wherein~~ for a energy input mechanism operating a wind turbine comprising two counter-rotative propellers, the first one being facing the wind flow, while the second one is placed behind the first propeller,

the wind turbine including:

an epicycloidal multiplier,

a first shaft supporting the first propeller linked to a train of planetary wheels of the epicycloidal multiplier,

a second shaft supporting the second propeller linked to the crown wheel of the epicycloidal multiplier,

the solar wheel of said epicycloidal multiplier
being connected to a third shaft driving the afore-
mentioned energy input mechanism,

including a braking system that acts simultaneously
on the second shaft and on the first shaft,

the braking system ~~includes~~ including a pressure mechanism commanded by an activation mechanism, able to act simultaneously by rubbing against ~~the~~ an outer armature of the second shaft to slow it down, able to press against a plurality of tappets located in the radial openings arranged around the second shaft, wherein these tappets rub against ~~the~~ an outer armature of the first shaft and slow down the second shaft inside which the first ~~one~~ shaft is coaxially placed.

7. (previously presented) Drive device according to claim 6, wherein the pressure mechanism is composed of two half-drums.

8. (original) Drive device according to claim 6, wherein the pressure mechanism is composed of a ribbon braking system.

9. (previously presented) Drive device according to claim 6, wherein the activation mechanism includes at least one hydraulic, pneumatic or electromechanical jack.

10. (previously presented) Drive device according to claim 6, wherein the activation mechanism includes at least one mechanical cam system.

11. (currently amended) Drive device according to claim 1, ~~wherein it is~~ associated to an energy input mechanism that is an electric generator.

12. (currently amended) Drive device according to claim 1, ~~wherein it is~~ associated with two propellers that bear different aerodynamic characteristics.

13. (original) Drive device according to claim 12, wherein the outer rotation diameters of both propellers are different.

14. (currently amended) Drive device according to claim 13, wherein the rotation diameter of the first propeller is ~~inferior~~ interior to that of the second propeller.

15. (currently amended) Drive device according to claim 12, wherein at least one of the two propellers rotates around a conical surface that generates an angle

[α] alpha with a plane perpendicular to the rotation axis of the propeller.

16. (currently amended) Drive device according to claim 15, wherein angle [α] alpha is below 10°.

17. (currently amended) Drive device according to claim 15, wherein angle [α] alpha is below 5°.

18. (currently amended) Drive device according to claim 15, wherein angle [α] alpha is below 3°.

19. (previously presented) Drive device according to claim 12, wherein the longitudinal axis of each blade is curved.

20. (cancelled).